
OER Revisions and Ancillary Materials Creation Mini-Grant Application

Affordable Learning Georgia aims to support the sustainability of previous Textbook Transformation Grants implementations through revisions of created open educational resources or the creation of new ancillary materials for existing OER. Individuals or teams who would like to apply for an OER Revisions or Ancillary Materials Creation Mini-grant participants do not need to be the original creators of the resource(s). While we welcome original authors to revise their original materials, the nature of open licenses allows for the revision and remixing of OER materials by anyone as long as the terms of the license are adhered to.

The final deliverable for this category is the revised or newly-created materials as proposed in the application, which will be hosted through GALILEO Open Learning Materials. All revised or newly-created materials will be made available to the public under a Creative Commons Attribution License (CC-BY), unless the original materials were under a more restrictive license such as the inclusion of SA (Share-Alike) or NC (Non-Commercial).

For the purposes of this grant, we define revision as the major improvement of a resource through updates for accuracy, accessibility, clarity, design, and formatting. We define ancillary materials as any materials created to substantially support the instruction of a course using an existing open educational resource(s).

Applicant Name *

James Rutherford

Applicant Position *

Prof. Software Engineering

Applicant Institution *

Kennesaw State University

Applicant Email Address *

Please use your institutional email address.

jruther3@kennesaw.edu

Other Team Members

Please provide both names and email addresses here.

Rebecca Rutherford

Type of Project *

- Revision of pre-existing OER
- Creation of ancillaries for pre-existing OER
- Other: _____

Course Number(s)

CSE 2300

Course Title(s)

Discrete Structures

Final Semester of the Project *

This is the semester in which the materials created/revised will be completed.

- Summer 2020
- Fall 2020

Proposed Grant Funding Amount: *

This is the total (in a dollar amount) of funding you are requesting for the mini-grant. There is a maximum of \$4800, with a maximum of \$2000 per team member and \$800 for project expenses.

\$4800

Currently-Existing Resource(s) to be Revised / Ancillaries Created *

Please provide a title and web address (URL) to each of the currently-existing resources that you are either revising or creating new ancillary materials for below.

<https://oer.galileo.usg.edu/compsci-collections/25/>

Project Description *

In at least one paragraph, describe your project's goals and deliverables.

The proposed course, CSE 2300 Discrete Structures, was initially developed using the no-cost-learning material as part of the ALG grant round 11. In the past three years, we have been doing regular maintenance on the no cost learning material such as fixing the broken web links. Given the need to keep current with various links and videos, we think it is time to refresh the content of CSE 2300 from a holistic view. The objectives of this project are listed as follows.

1. Update the contents of the learning material in the current learning modules. If possible, the web content will be cached and provided to the students locally.
2. Update PowerPoint slides for each learning module to better guide the student to understand the learning material.
3. Update the quizzes, assignments, and projects to reflect the changes in the learning material.

The updated learning material will be hosted in the same publicly available web site.

Timeline and Personnel *

Provide a project timeline with milestones below, keeping in mind your selected Final Semester above. Provide a short description of the roles any additional team members will take on during the activities in your timeline.

Milestone 1 – complete the no-cost-to-student learning material update of CSE 2300.

Milestone date: 5/5/2020. Person responsible for the milestone: Prof. James Rutherford.

Milestone 2 – complete project progress report. Milestone date: 5/5/2020 or date specified by ALG. Person responsible for the milestone: Dr. Rebecca Rutherford.

Milestone 3 – teach the course using the newly developed learning material and collect student feedback. Milestone date: 7/20/2020. Person responsible for the milestone: Prof. James Rutherford.

Milestone 4 – complete project final report. Milestone date: 7/30/2020 or date specified by ALG. Person responsible for the milestone: Dr. Rebecca Rutherford.

Budget *

Please enter your project's budget below. Include personnel and projected expenses. The maximum amounts for the award are as follows: \$4,800 maximum award, \$2,000 maximum per team member, \$800 maximum for overall project expenses. Unlike standard-scale and large-scale transformations, the maximum of \$800 is not a required element of the budget, but rather meant primarily for the purchase of specific tools and software which would help with improving resources.

Dr. Rebecca Rutherford – editor and report generator - \$2000

Prof. James Rutherford – course developer - \$2000

Equipment/software - \$800.

Creative Commons Terms *

I understand that any new materials or revisions created with ALG funding will, by default, be made available to the public under a Creative Commons Attribution License (CC-BY), with exceptions for modifications of pre-existing resources with a more restrictive license.

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